



Specifications

Dual-mode Multimedia Player PBOX150

V1.0.0 NS120100099

Overview

In order to support traditional digital signage and provide a better entry for our clients into full-color LED display industry to develop media business, Nova has launched dual-mode media player PBOX150. It supports switch between synchronous mode and asynchronous mode, which has made it more convenient for clients to use.

Features

- 1) With synchronous and asynchronous dual-mode, PBOX 150 supports full zoom of video input in synchronous mode;
- 2) PBOX 150 supports HDMI Loop;
- 3) With standard configuration of Wi-Fi function, wireless communication can be realized;
- 4) WiFi supports AP+Station and you can set up your own LAN while connecting public network;
- 5) PBOX150 supports the load capability of 600,000 pixels. The maximum width supported is 2048 pixels and maximum height supported is 1024 pixels;
- 6) PBOX150 supports redundancy backup of 1000M Ethernet port;
- 7) PBOX 150 supports stereo dual-channel audio output;
- 8) PBOX150 supports playing program via local USB drive;
- 9) PBOX150 supports playing program imported via USB drive.
- 10) PBOX150 supports three ways of brightness adjustment: timing adjustment, automatic adjustment and manual adjustment;
- 11) PBOX150 supports screen lock and blackout;

- 12) PBOX150 supports screen on/off through power switch;
- 13) PBOX150 supports SD card memory expansion;
- 14) PBOX150 supports remote cluster control and play via Internet;
- 15) PBOX150 supports various media formats such as analog clock, animation, picture, text, scrolling text, digital clock, positive and negative timing, Chinese traditional calendar, etc.;
- 16) PBOX150 supports playing with transparent background;
- 17) PBOX150 supports a wide range of chips: driving IC of Macroblock, CHIPONE, Sumacro, Mingyang, IT, Bright Way, Hangzhou Silan etc. supported in cascading mode;
- 18) PBOX150 supports full-color static to 32 scan;
- 19) Field frequency is up to 60Hz;
- 20) Grayscale level is settable and the maximum supported grayscale level is 16bits 65536 grades;
- 21) Refresh rate: scanning screen can be up to 3840Hz and static screen up to 6000Hz;
- 22) PBOX150 supports brightness and chroma calibration;
- 23) PBOX150 is able to connect multifunction card MFN300.

Appearance

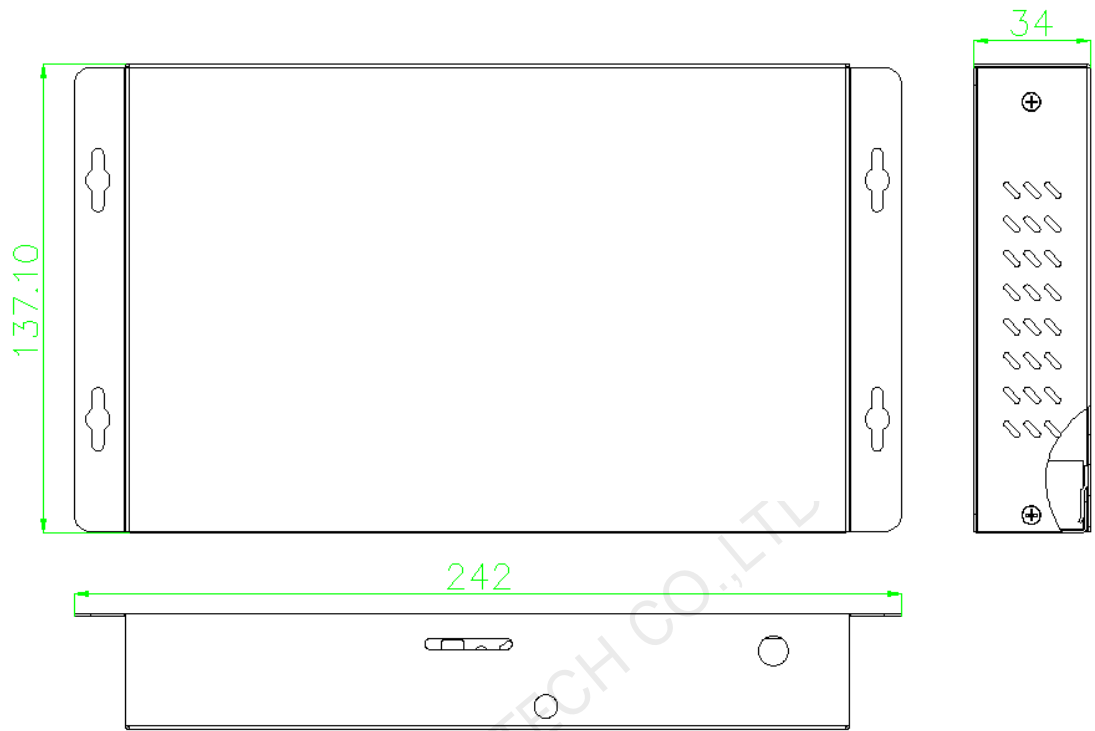


VIDEO SWITCH	Audio and video switching button The light is on in HDMI mode (synchronous mode) and off in asynchronous mode.
WiFi	Antenna interface
SD	Used to plug into SD card



100~240AV.50/60Hz	Power interface
Default IP	Default IP of PBOX150 is 192.168.0.220
PWR&RUN	Status indicator PWR: Power indicator RUN: Signal indicator
LAN/WAN	100M interface connecting to control computer or to the Internet.
USB	USB interface for common USB drive
RESET	Reset button
TEMP	Interface of temperature detector
LIGHT	Interface of light detector
HDMI IN	HDMI input
HDMI LOOP	HDMI Loop output
AUDIO OUT	Audio output
LED OUT	1000M Ethernet port for LED output
BACKUP	1000M Ethernet port for backup output

Dimensions



Unit: mm

Technical parameters

Input Power	AC100~240V 50/60Hz
Overall Power Consumption	15W
Operating temperature	-20°C ~ 60°C
Storage temperature	-40°C ~ 80°C
Net weight(antenna included)	980g

FCC Caution

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.